



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4**

DATE: April 13, 2004

**SUBJECT: POLREP No. 18
LES Oil Spill Site (FPN N01177)
Louisville, KY**

FROM: Art Smith, OSC
EPA Region 4, Louisville Outpost Office
(502) 582-5161

TO: RRC Region 4 (for distribution)

I. BACKGROUND: (See previous POLREPS 1-17)

II. ACTIONS

Mobilization to the site to complete this oil removal action was originally scheduled for October 2003. However, funding issues and winter weather conditions forced postponement of the re-mobilization until April 5, 2004. In the interim, a subsurface hydrogeological investigation was performed in to identify whether oil accumulated in areas below ground represents a threat of a discharge to the Ohio River. 14 soil borings were drilled to depths up to 80 feet below ground surface. 2 monitoring wells were installed, one on the river bank, and one in the area of the former tank farm. No oil product was encountered in either well. However, strong petroleum odors were noted for the well closest to the river, and a patchy sheen was observed in a groundwater sample collected from this well. The OSC plans to have the wells checked periodically to rule out the potential for encountering a mobile oil plume prior to the closeout of this oil removal action.

Work completed during the period from April 5-April 9 consisted of site preparation activities. On April 12, 2004, disposal of oil/water mixtures and oil-bearing sludges/soils began. Approximately 30,000 gallons of waste liquids and 300 tons of solid wastes per day will be disposed at permitted facilities.

III. FUTURE ACTIONS

The work plan for this phase of the oil removal action is expected to be completed by May 15, 2004, and is as follows:

- finish demolition of 2 above-ground storage tanks (ASTs)
- recycle scrap metal

- disposal of wastestreams accumulated during the removal action (e.g., 300,000 gallons of oil/water emulsions, and 3,700 tons of tank bottom sludges, personal protective equipment, etc.)
- demobilization of personnel and equipment from the site

IV. COST INFORMATION

	Costs-to-Date	Project Ceiling
Extramural		
ERRS		
IT Corp	(\$ 727,190)	\$ 855,000
CMC	<u>(\$ 1,253,625)</u>	<u>\$1,644,568</u>
	(\$ 1,980,815)	\$2,499,568
START	(\$ 142,531)	\$ 152,000
USCG Strike Team	(\$ 41,950)	\$ 60,000
REAC	(\$ 60,000)*	\$ 60,000
Intramural		
EPA Direct Reimbursable		
	<u>(\$ 40,000)</u>	<u>\$ 54,832</u>
	(\$ 2,265,296)	\$2,826,400
Contingency	-0-	<u>+\$ 173,600</u>
Total	(\$ 2,265,296)	\$3,000,000

Note: figures denoted with asterisk are estimates; cost data was not available at the time this report was prepared.